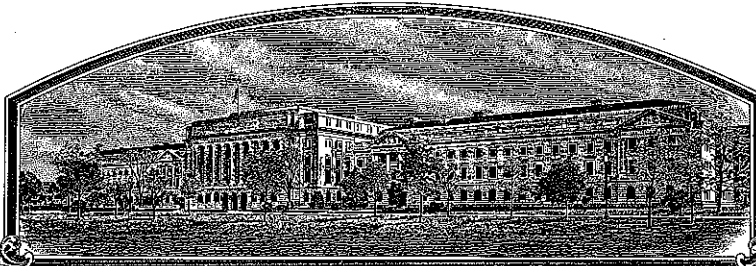


No.

9900414



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

HZPC Holland B.V.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

POTATO

'FABULA'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this fourteenth day of February, in the year two thousand and six.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture



REPRODUCE LOCALLY. Include form number and date on all reproductions.

FORM APPROVED - OMB NO. 0581-C

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995:

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

| | | | | | |
|--|--|---|---|--|--|
| 1. NAME OF APPLICANT(S) (as it is to appear on the Certificate) HZPC Holland B.V. | | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER Bie 84 806 156 | | 3. VARIETY NAME FABULA | |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) P.O. Box 385 8901 BD Leeuwarden The Netherlands | | 5. TELEPHONE (include area code) +31.527.635000 | | FOR OFFICIAL USE ONLY PVPO NUMBER 9900414 | |
| | | 6. FAX (include area code) +31.527.635303 | | F I L I N G DATE 8/18/99 | |
| 7. GENUS AND SPECIES NAME Solanum | | 8. FAMILY NAME (Botanical) Solanum tuberosum | | FILING AND EXAMINATION FEE: FEE \$ 2450 DATE 8/18/99 | |
| 9. CROP KIND NAME (Common name) Potato | | | | CERTIFICATION FEE: FEE \$ 682.00 DATE 10/12/05 | |
| 10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (Common name) Corporation | | 11. IF INCORPORATED, GIVE STATE OF INCORPORATION The Netherlands | | 12. DATE OF INCORPORATION 1997 | |
| 13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Bernard Ouellette Global Agri Services Inc. 376 New Maryland Highway New Maryland, N.B. E3C 1E5 CANADA | | | | 14. TELEPHONE (include area code) 902.892.2004 | |
| | | | | 15. FAX (include area code) 902.892.0321 | |
| 16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) | | | | | |
| a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,600 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO) | | | | | |
| 17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES (If "yes," answer items 18 and 19 below) <input checked="" type="checkbox"/> NO (If "no," go to item 20) | | | | | |
| 18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO | | | 19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED | | |
| 20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETING IN THE U.S. OR OTHER COUNTRIES? <input checked="" type="checkbox"/> YES (If "yes," give names of countries and dates) <input checked="" type="checkbox"/> NO not in the USA in the European Union (first commercial transaction 14.03.1996 in Spain) | | | | | |
| 21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties. | | | | | |
| SIGNATURE OF APPLICANT (Owner(s)) Ir. J.P. van Loon | | | SIGNATURE OF APPLICANT (Owner(s)) | | |
| NAME (Please print or type) | | | NAME (Please print or type) | | |
| CAPACITY OR TITLE Director Research & Development | | DATE August 1999 | | CAPACITY OR TITLE DATE | |

FABULA**16A Exhibit A: Origin and Breeding History of the Variety**

The breeding of FABULA was conducted in Eenrum, The Netherlands, the place where the breeder Joh. Biemond is situated.

The variety originates from the sexual crossing Monalisa * Hudson.

The pedigree of FABULA is as follows:

MONALISA * HUDSON

FABULA is derived from a conventional crossing of the potato variety Hudson (father) and Monalisa (mother) (see attached description). Like all potato varieties, FABULA has been multiplied vegetatively by clonal selection.

We have been testing the potato variety FABULA 10 years within the company and 2 years officially (DUS-testing) in the Netherlands.

There are no variants found. FABULA is a potato variety. This means: clonal selection and multiplication and no variants or off-types are being found.

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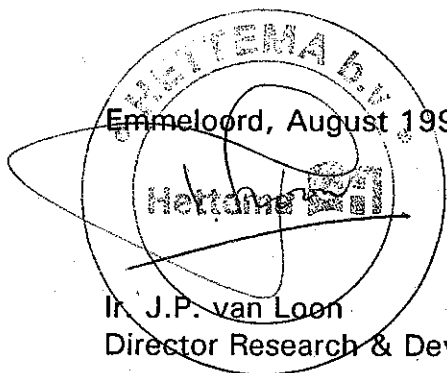
Exhibit A

Date
Subject
Your reference
Our reference
Telephone number

Herewith we

Hettema B.V.
P.O. Box 99
8300 AB EMMELOORD
The Netherlands

declare that the potato variety FABULA is uniform and stable.
FABULA will remain true to its description over successive generations.
The variety will be stable in its essential characteristics to the degree
where further generations of FABULA will exhibit the same characteristics.


Emmeloord, August 1999
In J.P. van Loon
Director Research & Development

Hettema bv

Randweg 25
8304 AS Emmeloord (Holland)
P.O. Box 99
8300 AB Emmeloord (Holland)

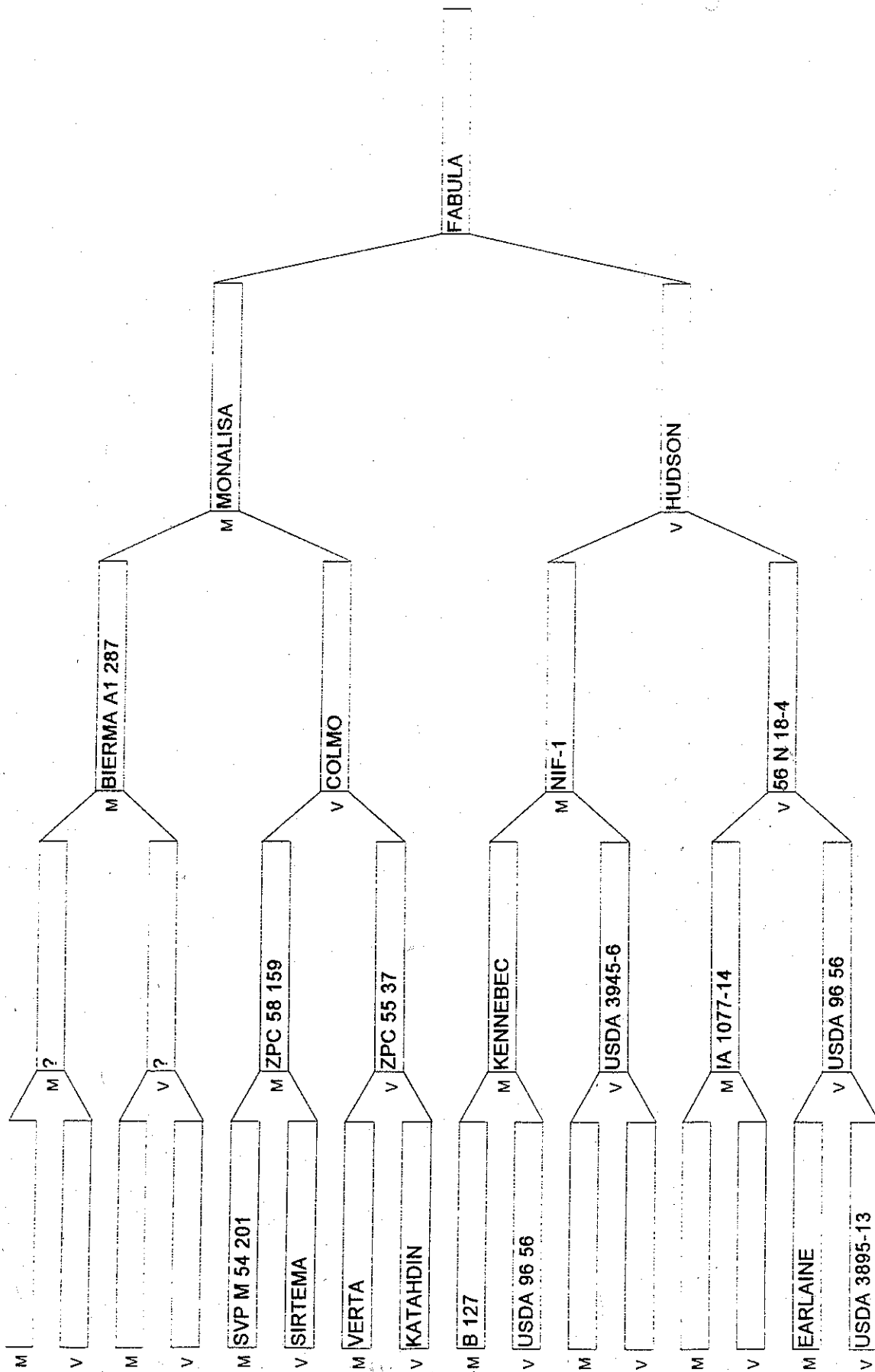
Telephone (0)527 635000
Fax (0)527 635350/635234
Cables Hettema Emmeloord
Telex 42108 hzeo nl

Bankers ABN-Amro Emmeloord
nr. 47.12.29.547
HRG Lelystad nr. 39041060

9900414

* v = father
m = mother

EXHIBIT A PEDIGREE FABULA



Tests and Evaluation

SELECTION CRITERIA FABULA **Hettema** H

...year of testing

| | 1 st | 2 nd | 3 rd | 4 th | 5 th | 6 th | 7 th | 8 th | 9 th | 10 th |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| general agricultural and morphological characteristics | • | • | • | • | • | • | • | • | • | • |
| cooking type | | | | | | | | | | |
| discoloration after cooking | | | | | | | | | | |
| crisps | | | | | | | | | | |
| french fries | | | | | | | | | | |
| potato cyst nematode | | • | | • | | • | | • | | |
| wart disease | | | | • | | • | | • | | |
| late blight in foliage | | | | | | • | | • | | • |
| late blight in tubers | | | | | | • | | • | | • |
| scab | | | | | | | | • | | • |
| dry rot | | | | | | • | | • | | • |
| spraing | | | | | | • | | • | | • |
| erwinias | | | | | | | | • | | • |
| virus (PVYN, PLRV, PVX, PVA) | | | | | | • | | • | | • |
| internal bruising | | | | | | | | • | | • |
| mechanical damage | | | | | | • | | • | | • |
| TGA (total glycoalkaloid) | | | | | | • | | • | | • |
| dormancy | | | | | | • | | • | | • |
| drought | | | | | | | | • | | • |

FABULA

Exhibit B: Statement of Distinctness

'Fabula' is most similar to 'Kennebec'. 'Fabula' differs from 'Kennebec' in having a yellow flesh (11B*) compare to 'Kennebec' that has a white flesh (160C*). 'Fabula' as an olive green (146A*) foliage compare to 'Kennebec' that as a medium green (147A*) foliage. The flower of 'Fabula' is red violet (76A*) compare to 'Kennebec' that as a white (155B*) flower.

* Royal Horticultural Society Colour Chart



RAAD VOOR HET KWEKERSRECHT

BEWIJS VAN INSCHRIJVING

voor een ras van het gewas aardappel

benaming Fabula

volgnummer 16143

De Raad voor het Kwekersrecht verklaart,

dat op aanvraagnummer ARD 1175

 ingediend op 03/09/93

het hierna beschreven ras van het gewas aardappel

 onder de benaming Fabula

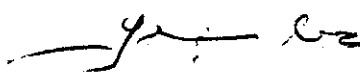
 onder volgnummer 16143

 per datum 11/04/96

in het Nederlands Rassenregister is ingeschreven met aantekening van verlening van
kwekersrecht ten name van:

D. Biemond B.V., Hornsterweg 2, 9967 TB EENRUM

Wageningen, 11/04/96


mr. J.P. Pluim Mentz

HETTEMA INC.
NORTH TILLEY, NEW BRUNSWICK

OBJECTIVE

The objective of this experiment was to prepare the potato objective description for the examination of the Plant Breeders' Rights and Plant Variety Offices.

MATERIALS & METHODS

Varieties:

There were 12 varieties in the trial. The varieties Kennebec, Shepody, Yukon Gold and Bintje as standard varieties.

Design:

A randomized complete block with 12 varieties and four replicates. All entries were planted in single-row plots. Each entry had one plot per replicate. A plot was 18' long. Spacing between adjacent plots was 36". Spacing between adjacent hills within plot was 12". There was a total of 18 plants per plot.

Planting:

The trial was planted on May 26, 1998.

Fertility:

1500 lbs/A 10-10-20 (McCain Fertilizer formulation)

9900414

Exhibit C (Potato)

OBJECTIVE DESCRIPTION OF VARIETYPOTATO (*Solanum tuberosum* L.)

NAME OF APPLICANT(S)

Hettema Inc.

FOR OFFICIAL USE ONLY

PVPO NUMBER

ADDRESS

P.O. Box 905

Cornwall, PEI, C0A 1H0

VARIETY NAME

FabulaTEMPORARY OR EXPERIMENTAL
DESIGNATION

REFERENCE VARIETY 1 (R1)

Yukon Gold

REFERENCE VARIETY 2 (R2)

Kennebec

1. MARKET CHARACTERISTICS:

MARKET CLASS:

1 = Yellow-flesh tablestock; 2 = Round-white tablestock; 3 = Chip-processing; 4 = Frozen-processing
5 = Russet tablestock; 6 = Other _____

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 2 |

2. PLANT CHARACTERISTICS:

GROWTH HABIT:

1 = Erect (>45° with ground); 5 = Semi-erect (30-45° with ground); 7 = Spreading.

| VARIETY | R1 | R2 |
|---------|----|----|
| 5 | 3 | 5 |

TYPE:

1 = Stem (foliage open, stems clearly visible; 2 = Intermediate; 3 = Leaf (foliage closed, stems hardly visible)

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 3 |

MATURITY: Days after planting (DAP) at vine senescence.

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

PLANTING DATE:

| VARIETY | R1 | R2 |
|---------|---------|---------|
| 5-20-98 | 5-20-98 | 5-20-98 |

REGION/AREA:

| VARIETY | R1 | R2 |
|------------|------------|------------|
| Tilley, NB | Tilley, NB | Tilley, NB |

MATURITY CLASS:

1 = Very Early (<100 DAP); 2 = Early (100-110 DAP); 3 = Mid-season (111-120 DAP); 4 = Late (121-130 DAP); 5 = Very Late (> 130 DAP).

| VARIETY | R1 | R2 |
|---------|----|-----|
| 4 | 3 | 3-4 |

3. STEM CHARACTERISTICS: Measure at early first bloom

STEM ANTHOCYANIN COLORATION:

1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

| VARIETY | R1 | R2 |
|---------|-----|----|
| 3 | 4-5 | 3 |

STEM WINGS

1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

| VARIETY | R1 | R2 |
|---------|----|-----|
| 5 | 5 | 7-8 |

4. LEAF CHARACTERISTICS:

LEAF COLOR: Observe fully developed leaves located on middle 1/3 of plant

1 = Yellowish-green; 2 = Olive-green; 3 = Medium green; 4 = Dark green; 5 = Grey-green; 6 = other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 1 | 3 |

LEAF COLOR: Observe fully developed leaves located on middle 1/3 of plant

Royal Horticulture Society Color Chart

| VARIETY | R1 | R2 |
|---------|------|------|
| 146A | 146A | 147A |

LEAF PUBESCENCE DENSITY:

1 = Absent; 2 = Sparse; 3 = Medium; 4 = Thick; 5 = Heavy

| VARIETY | R1 | R2 |
|---------|----|-----|
| 3 | 3 | 3-4 |

LEAF PUBESCENCE LENGTH:

1 = None; 2 = Short; 3 = Medium; 4 = Long; 5 = Very long

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 2 | 2 |

LEAF SILHOUETTE

1 = Closed; 3 = Medium; 5 = Open

| VARIETY | R1 | R2 |
|---------|----|----|
| 3-5 | 5 | 3 |

PETIOLES ANTHOCYANIN COLORATION:

1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

| VARIETY | R1 | R2 |
|---------|-----|----|
| 3-5 | 1-2 | 1 |

LEAF STIPULES SIZE

1 = Absent; 3 = Small; 5 = Medium; 7 = Large

| VARIETY | R1 | R2 |
|---------|-----|----|
| 7 | 6-7 | 5 |

TERMINAL LEAFLET SHAPE:

1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical;
6 = Obovate; 7 = Oblong; 8 = other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 1 | 2 |

TERMINAL LEAFLET TIP SHAPE:

1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = other

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 3 | 3 |

TERMINAL LEAFLET BASE SHAPE:

1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other

| VARIETY | R1 | R2 |
|---------|-----|----|
| 4 | 2-3 | 4 |

TERMINAL LEAFLET MARGIN WAVINESS:

1 = Absent; 2 = Slight; 3 = Weak; 4 = Medium; 5 = Strong

| VARIETY | R1 | R2 |
|---------|----|----|
| 3 | 3 | 2 |

NUMBER OF PRIMARY LEAFLET PAIRS:

AVERAGE:

| VARIETY | R1 | R2 |
|---------|----|----|
| 5 | 6 | 5 |

RANGE:

| VARIETY | R1 | R2 |
|---------|----|----|
| 5 | 6 | 5 |

PRIMARY LEAFLET TIP SHAPE:

1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

PRIMARY LEAFLET SHAPE:

1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical;
6 = Obovate; 7 = Oblong; 8 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

PRIMARY LEAFLET BASE SHAPE:

1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 4 | 3 | 4 |

NUMBER OF SECONDARY AND TERTIARY LEAFLET PAIRS:

AVERAGE:

| VARIETY | R1 | R2 |
|---------|------|-----|
| 12.4 | 17.7 | 6.3 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-------|-----|
| 9-21 | 16-21 | 6-8 |

5. INFLORESCENCE CHARACTERISTICS:

NUMBER OF INFLORESCENCE / PLANT

AVERAGE

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 2.5 | 2.6 | 2.4 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 2-3 | 2-3 | 2-3 |

NUMBER OF FLORETS / INFLORESCENCE:

AVERAGE:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 12.0 | 4.9 | 3.7 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 10-15 | 3-6 | 2-6 |

COROLLA INNER SURFACE COLOR: Measure predominant color of newly open flower RHSCC.

| VARIETY | R1 | R2 |
|---------|-----|------|
| 76A | 85B | 155B |

COROLLA OUTER SURFACE COLOR: RHSCC

| VARIETY | R1 | R2 |
|---------|-----|------|
| 76A | 76A | 155C |

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COROLLA SHAPE:

1 = Very rotate; 2 = Rotate; 3 = Pentagonal; 4 = Semi-stellate; 5 = Stellate

| VARIETY | R1 | R2 |
|---------|----|----|
| 4-3 | 3 | 3 |

CALYX ANTHOCYANIN COLORATION:

1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very strong

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 3 | 1 |

ANTHER COLOR: Measure when newly opened flower is fully expanded RHSCC

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 14A | 14A | 17B |

ANTHER SHAPE:

1 = Broad cone; 2 = Narrow cone; 3 = Pear shape cone; 4 = Loose; 5 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 1 | 3 |

POLLEN PRODUCTION:

1 = None; 3 = Some; 5 = Abundant

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

STIGMA SHAPE:

1 = Capitate; 2 = Clavate; 3 = Bi-lobed

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

STIGMA COLOR: RHSCC

| VARIETY | R1 | R2 |
|---------|------|------|
| 146A | 138A | 146B |

BERRY PRODUCTION: UNDER FIELD CONDITIONS:

1 = None; 3 = low; 5 = Moderate; 7 = Heavy; 9 = Very heavy

| VARIETY | R1 | R2 |
|---------|----|----|
| - | 1 | 1 |

9900414

6. TUBER CHARACTERISTICS:**PREDOMINANT SKIN COLOR:**

1 = White; 2 = Light Yellow; 3 = Yellow; 4 = Buff; 5 = Tan; 6 = Brown; 7 = Pink; 8 = red;
 9 = Purplish-red; 10 = Purple; 11 = Dark purple-black; 12 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 3 | 2 |

RHSCC:

| VARIETY | R1 | R2 |
|---------|------|------|
| 162B | 162A | 161B |

SECONDARY SKIN COLOR:

1 = Absent; 2 = Present, please describe

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 2 | 1 |

RHSCC:

| VARIETY | R1 | R2 |
|---------|-----|----|
| - | 58C | - |

SECONDARY SKIN COLOR DISTRIBUTION:

1 = Eyes; 2 = Eyebrows; 3 = Splashed; 4 = Scattered; 5 = Spectacled; 6 = Stippled; 7 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| - | 1 | - |

SKIN TEXTURE:

1 = Smooth; 2 = Rough (flaky); 3 = Netted; 4 = Russetted; 5 = Heavily russetted; 6 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

TUBER SHAPE:

1 = Compressed; 2 = Round; 3 = Oval; 4 = Oblong; 5 = Long; 6 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 3 | 2 | 4 |

TUBER THICKNESS:

1 = Round; 2 = Medium thick; 3 = Slightly flatted; 4 = Flatted; 5 = Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 2 | 3 |

TUBER LENGTH (mm):

AVERAGE:

| VARIETY | R1 | R2 |
|---------|------|-------|
| 82.0 | 76.8 | 101.8 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-------|--------|
| 66-100 | 70-86 | 86-115 |

STANDARD DEVIATION:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 7.5 | 5.2 | 8.8 |

AVERAGE WEIGHT OF SAMPLE TAKEN:

| VARIETY | R1 | R2 |
|---------|-------|-------|
| 199.3 | 209.3 | 270.1 |

TUBER WIDTH (mm):

AVERAGE:

| VARIETY | R1 | R2 |
|---------|------|------|
| 71.7 | 72.4 | 76.7 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-------|-------|
| 64-78 | 64-85 | 65-92 |

STANDARD DEVIATION:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 4.2 | 5.6 | 7.1 |

AVERAGE WEIGHT OF SAMPLE TAKEN:

| VARIETY | R1 | R2 |
|---------|-------|-------|
| 199.3 | 209.3 | 270.1 |

TUBER THICKNESS (mm):

AVERAGE:

| VARIETY | R1 | R2 |
|---------|------|------|
| 57.4 | 61.2 | 61.2 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-------|-------|
| 50-66 | 55-66 | 50-73 |

STANDARD DEVIATION:

9900414

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 4.4 | 2.9 | 7.1 |

AVERAGE WEIGHT OF SAMPLE TAKEN:

| VARIETY | R1 | R2 |
|---------|-------|-------|
| 199.3 | 209.3 | 270.1 |

TUBER EYE DEPTH:

1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 = Very Deep

| VARIETY | R1 | R2 |
|---------|----|----|
| 3 | 2 | 3 |

TUBER LATERAL EYES:

1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 Very deep

| VARIETY | R1 | R2 |
|---------|----|----|
| 3 | 2 | 3 |

NUMBER EYE / TUBER:

AVERAGE:

| VARIETY | R1 | R2 |
|---------|-----|-----|
| 5.5 | 6.6 | 9.4 |

RANGE:

| VARIETY | R1 | R2 |
|---------|-----|------|
| 5-6 | 6-7 | 9-10 |

DISTRIBUTION OF TUBER EYES:

1 = Predominantly apical; 2 = Evenly distributed

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 2 |

PROMINENCE OF TUBER EYEBROWS:

1 = Not prominent; 2 = Slight prominence; 3 = Medium prominence; 4 = very prominenece; 5 Other

| VARIETY | R1 | R2 |
|---------|----|----|
| 2 | 2 | 2 |

PRIMARY TUBER FLESH COLOR: RHSCC

| VARIETY | R1 | R2 |
|---------|-----|------|
| 11B | 11C | 160C |

SECONDARY TUBER FLESH COLOR:

1 = Absent; 2 = Present, please describe

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

RHSCC:

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

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NUMBER OF TUBER / PLANT:

1 = Low (<8); 2 = Medium (8-15); 3 = High(>15)

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 1 | 1 |

7. DISEASES CHARACTERISTICS:

DISEASES REACTION:

0 = Not tested; 1 = Resistant; 3 = Moderately resistant; 5 = Moderately susceptible; 7 = Susceptible;

9 = Highly susceptible

BACTERIAL RING ROT: Foliar reaction

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

BACTERIAL RING ROT: Tuber reaction

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

LATE BLIGHT

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

PLRV

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

PVX

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

PVY

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

OTHER

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

OTHER

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

8. PESTS CHARACTERISTICS:

PEST REACTION:

0 = Not tested; 1 = Resistant; 3 = Moderately resistant; 5 = Moderately susceptible; 7 = Susceptible;

9 = Highly susceptible

GOLDEN NEMATODE

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

OTHER

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

9. GENE TRAITS:

INSERTION OF GENES:

YES ☐ NO ☒

IF YES, DESCRIBE

10. QUALITY CHARACTERISTICS:

CHIEF MARKET:

SPECIFIC GRAVITY:

1 < 1.060; 2 = 1.060-1.069; 3 = 1.070-1.079; 4 = 1.080-1.089; 5 > 1.090

| VARIETY | R1 | R2 |
|---------|----|----|
| 1 | 4 | 3 |

TOTAL GLYCOALKALOID CONTENT (mg./100g. fresh tuber):

| VARIETY | R1 | R2 |
|---------|----|----|
| - | - | - |

OTHER QUALITY CHARACTERISTICS:

12. CHEMICAL IDENTIFICATION:

13. ADDITIONAL COMMENTS AND CHARACTERISTICS:

7.0 LIGHT SPROUT CHARACTERISTICS (+)

7.1 Light sprout: general shape

(*) (+)

| | | | | | | |
|--------------------|---|---|---|---|--|--|
| spherical | 1 | 1 | 2 | 1 | | |
| ovoid | 2 | | | | | |
| conical | 3 | | | | | |
| broad cylindrical | 4 | | | | | |
| narrow cylindrical | 5 | | | | | |
| other (describe) | 6 | | | | | |

7.2 Light sprout base: pubescence

(*)

| | | | | | | |
|-------------|---|---|---|---|--|--|
| absent | 1 | 3 | 5 | 3 | | |
| weak | 3 | | | | | |
| medium | 5 | | | | | |
| strong | 7 | | | | | |
| very strong | 9 | | | | | |

7.3 Light sprout base: anthocyanin colouration

(*)

| | | | | | | |
|------------------|---|---|---|-----|--|--|
| green | 1 | 2 | 2 | 1-2 | | |
| | | | | | | |
| blue-violet | 3 | | | | | |
| other (describe) | 4 | | | | | |

7.4 Light sprout base: intensity of anthocyanin colouration (if present)

(*)

| | | CV | R1 | R2 | R3 | R4 |
|-------------|---|-----|----|----|----|----|
| absent | 1 | 1-3 | 5 | 3 | | |
| weak | 3 | | | | | |
| medium | 5 | | | | | |
| strong | 7 | | | | | |
| very strong | 9 | | | | | |

7.5 Light sprout tip: habit

(*)

| | | | | | | |
|--------|---|---|---|---|--|--|
| closed | 3 | 3 | 3 | 3 | | |
| medium | 5 | | | | | |
| open | 7 | | | | | |

7.6 Light sprout tip: pubescence

| | | | | | | |
|-------------|---|---|---|---|--|--|
| absent | 1 | 5 | 3 | 3 | | |
| weak | 3 | | | | | |
| medium | 5 | | | | | |
| strong | 7 | | | | | |
| very strong | 9 | | | | | |

7.7 Light sprout tip: anthocyanin colouration

(*)

| | | | | | | |
|------------------|---|---|---|---|--|--|
| green | 1 | 2 | 1 | 1 | | |
| red-violet | 2 | | | | | |
| blue-violet | 3 | | | | | |
| other (describe) | 4 | | | | | |

7.8 Light sprout tip: intensity of anthocyanin colouration (if present)

| | | | | | | |
|-------------|---|---|-----|---|--|--|
| absent | 1 | 3 | 1-2 | 1 | | |
| weak | 3 | | | | | |
| medium | 5 | | | | | |
| strong | 7 | | | | | |
| very strong | 9 | | | | | |

7.9 Light sprout root initials: frequency

| | | | | | | |
|--------|---|---|---|---|--|--|
| low | 3 | 3 | 3 | 5 | | |
| medium | 5 | | | | | |
| high | 7 | | | | | |

7.10 Light sprout: protrusion of lenticels

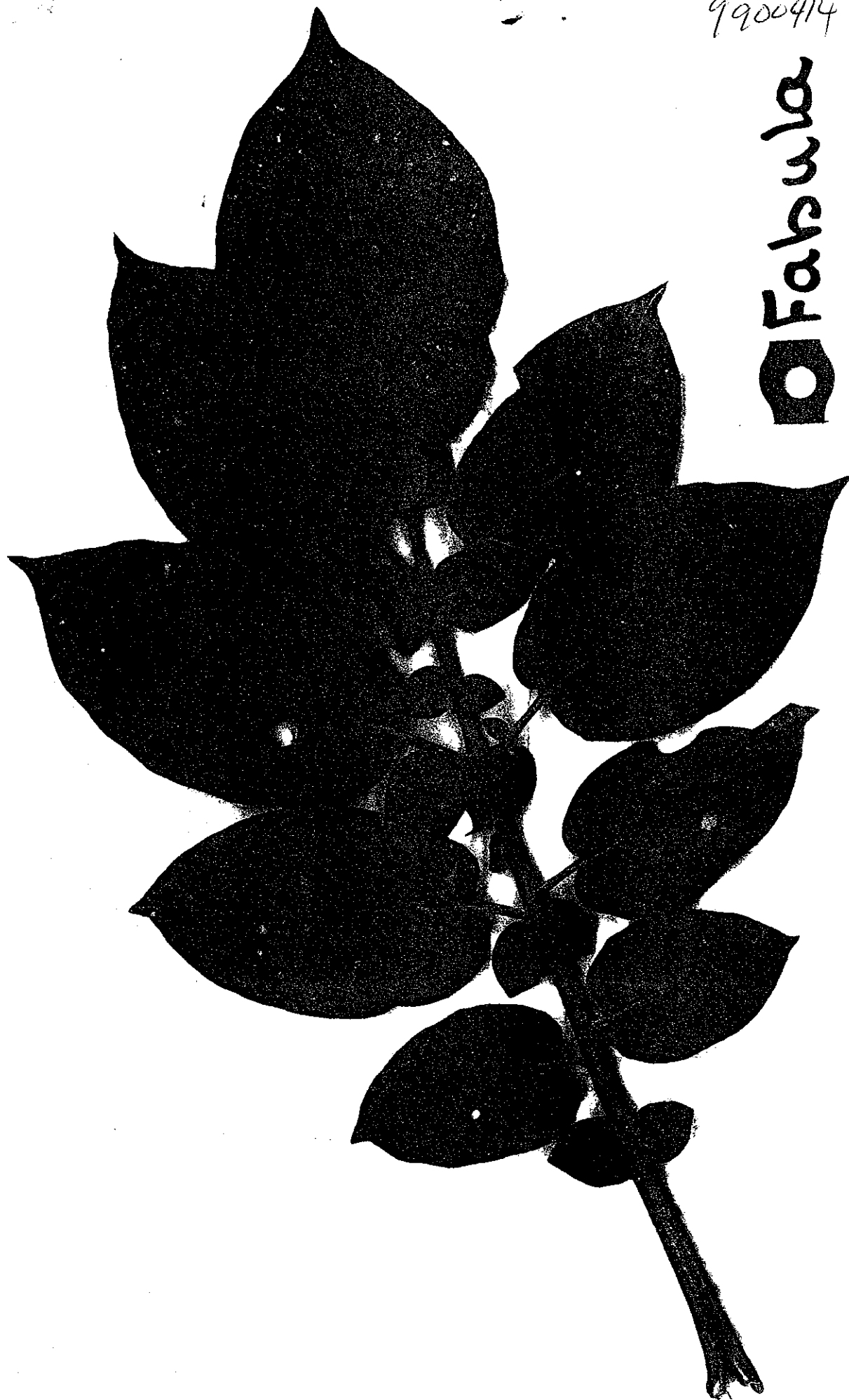
| | | CV | R1 | R2 | R3 | R4 |
|--------|---|----|----|----|----|----|
| weak | 3 | 3 | 3 | 5 | | |
| medium | 5 | | | | | |
| strong | 7 | | | | | |

7.11 Light sprout: length of lateral shoots

| | | | | | | |
|--------|---|---|---|---|--|--|
| short | 3 | 3 | 3 | 3 | | |
| medium | 5 | | | | | |
| long | 7 | | | | | |

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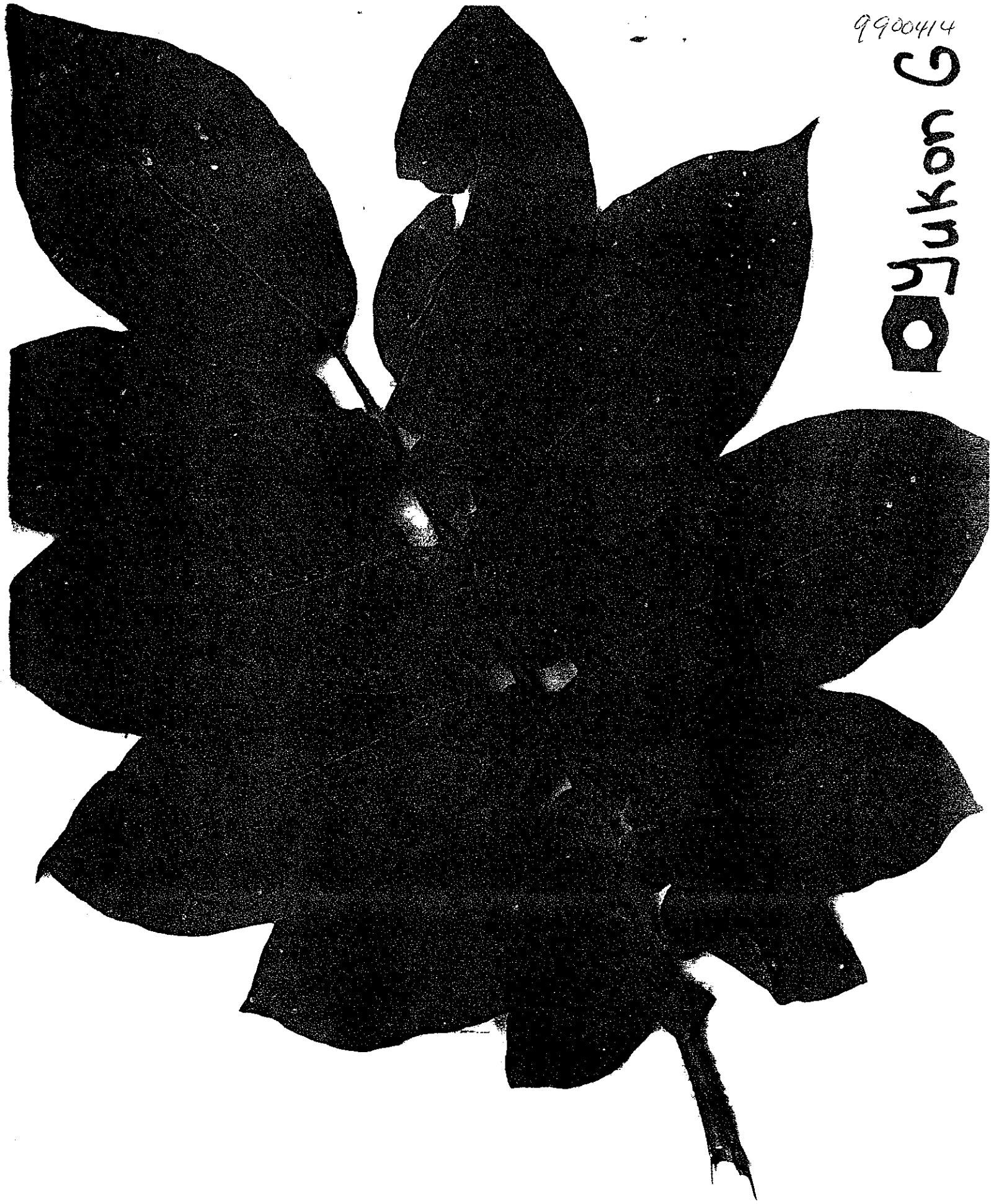
○ Fabula



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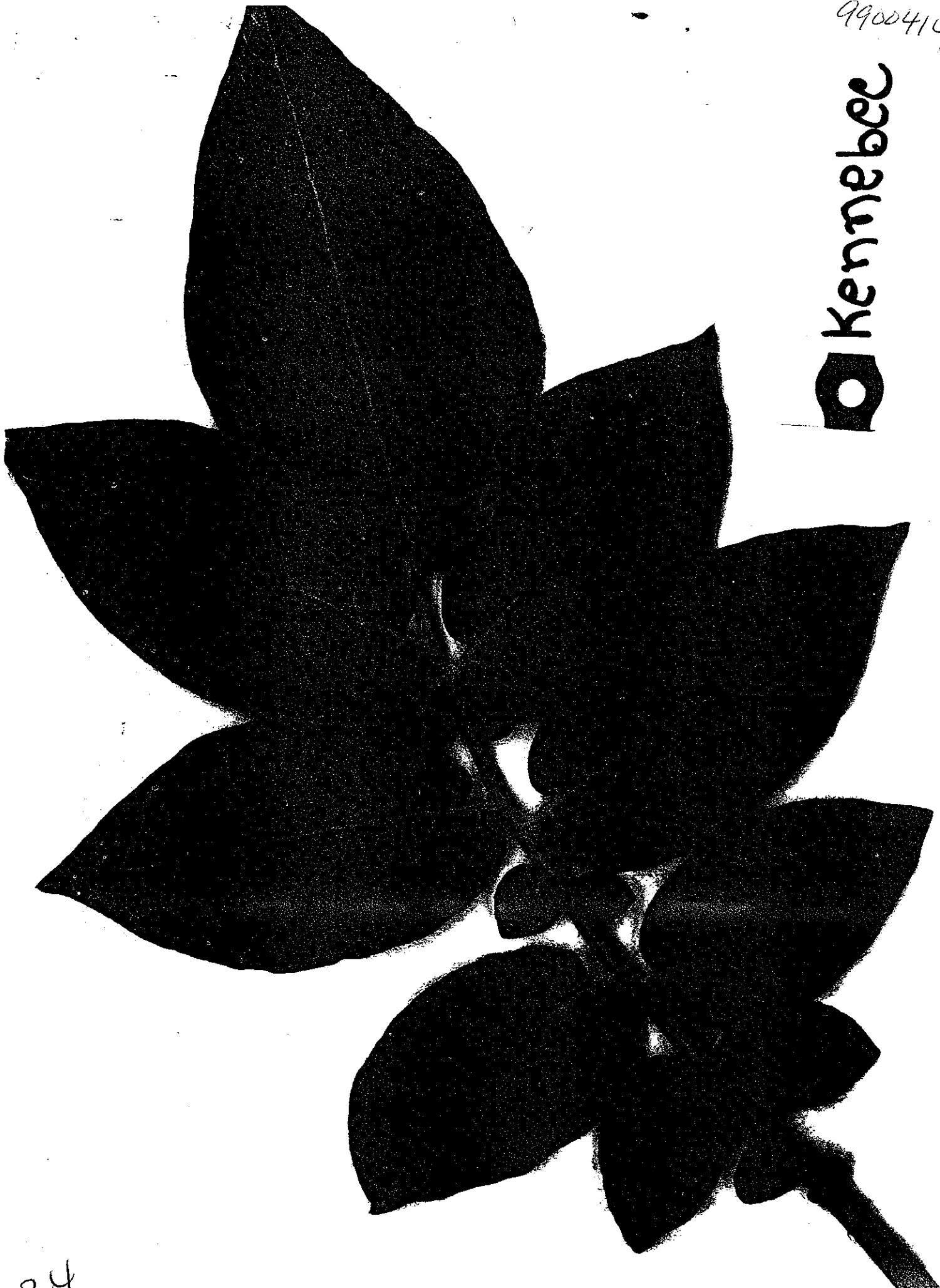
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ayukon G

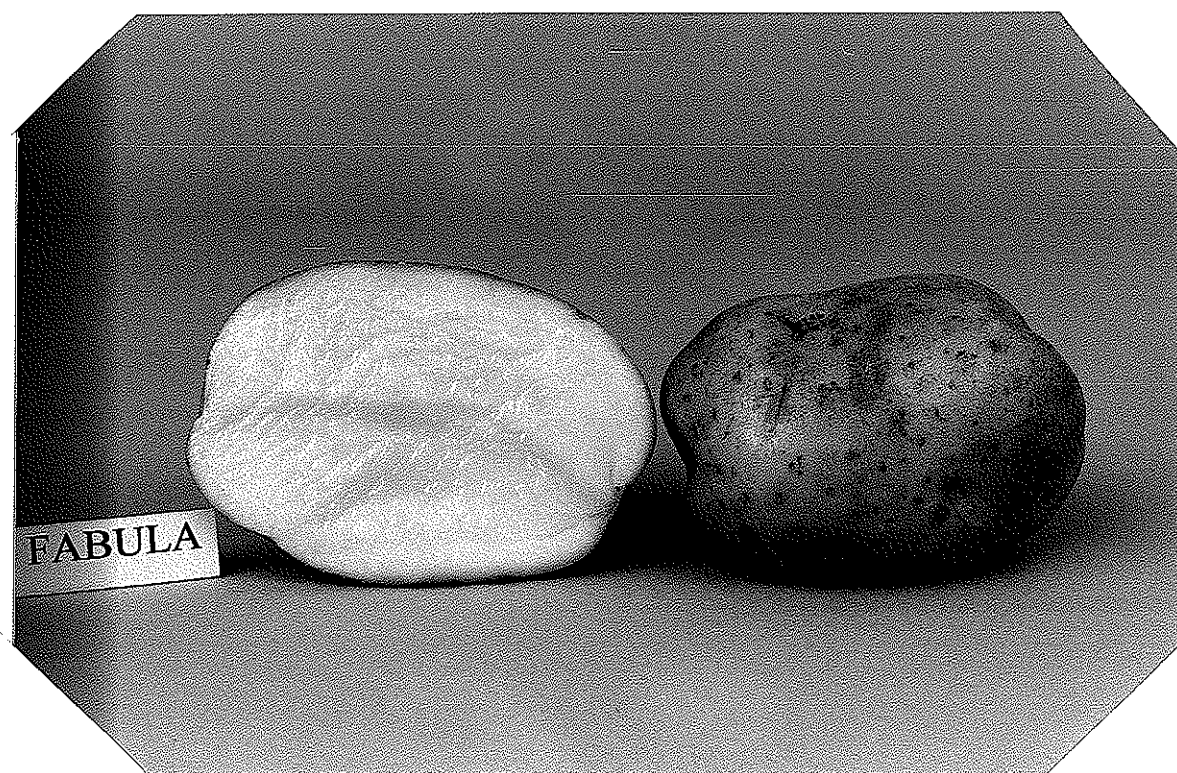


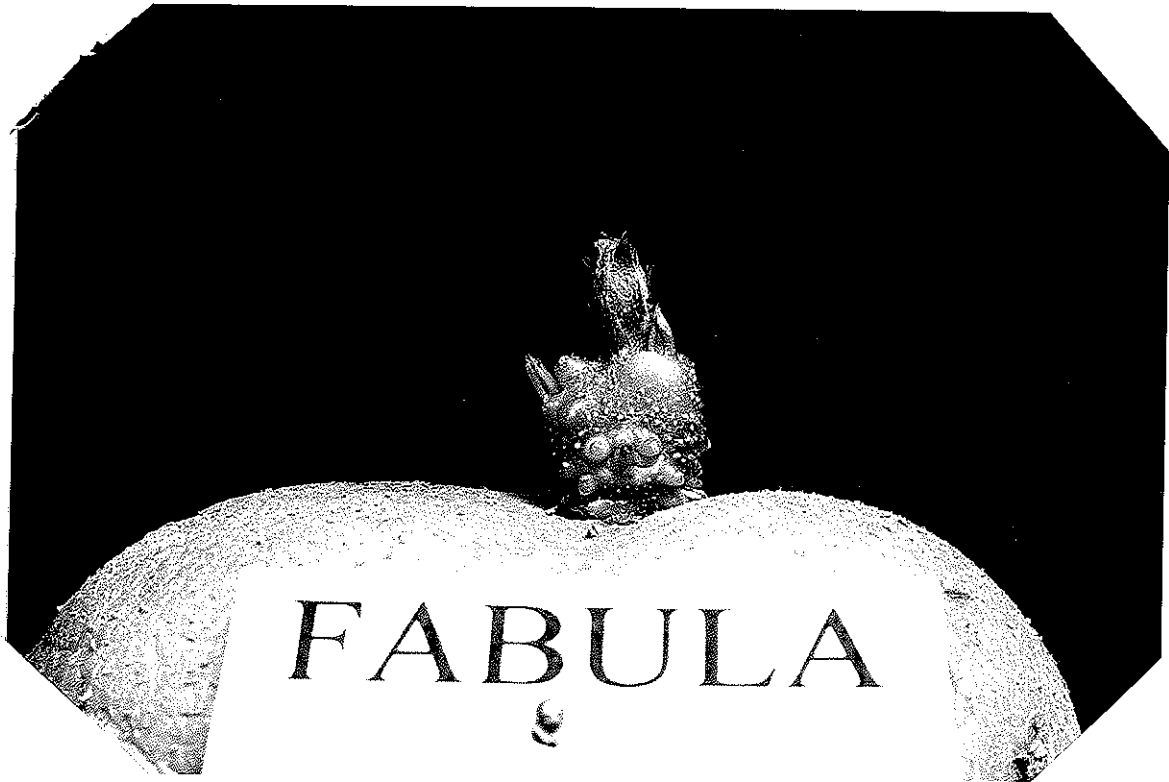
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Kennebec



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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

| | | |
|--|---|---|
| 1. NAME OF APPLICANT(S) HZPC Holland B.V. <i>7/26/05</i> <i>BNB</i> | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER | 3. VARIETY NAME Fabula |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) P.O. Box 385 8901 BD Leeuwarden The Netherlands <i>7/26/05</i> <i>BNB</i> | 5. TELEPHONE (include area code) 31-527 63 50 00 | 6. FAX (include area code) 31-527 63 52 34 |
| 7. PVPO NUMBER 9900414 | | |
| 8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. The variety for which Plant Variety Protection is hereby <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO sought was developed by Mr. Joh Biemond, Westerweg 2, 9967 TE EENRUM, The Netherlands. Mr. Joh Biemond is a private breeder associated with Hetteema B.V. By agreement between Mr. Joh Biemond and Hetteema B.V., Hetteema B.V. has the exclusive world-wide representation for the potato variety Fabula. | | |
| 9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <u>The Netherlands</u> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| 10. Is the applicant the original owner? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no, please answer the following: a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no, give name of country <u>The Netherlands</u> b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company? <input type="checkbox"/> YES <input type="checkbox"/> NO If no, give name of country _____ | | |
| 11. Additional explanation on ownership (If needed, use reverse for extra space): | | |

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.